
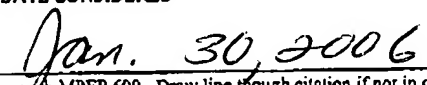


<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				2003B113		Unassigned	
				APPLICANT			
				Van Egmond et al.			
				FILING DATE		GROUP	
Herewith		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JB		4,014,913	03/29/77	Ellgen et al.	260	449	
		4,111,837	09/05/78	Taylor	252	430	
		4,122,110	10/24/78	Sugier et al.	260	449.5	
		4,133,966	01/09/79	Pretzer et al.	568	902	
		4,233,466	11/11/80	Fiato	568	902	
		4,239,924	12/16/80	Pretzer et al.	568	902	
		4,239,925	12/16/80	Pretzer et al.	568	902	
		4,253,987	03/03/81	Fiato	252	429 R	
		4,270,015	05/26/81	Knifton	585	324	
		4,304,946	12/08/81	Isogai et al.	568	902	
		4,324,927	04/13/82	Gauthier-Lafaye et al.	568	902	
		4,328,379	05/04/82	Devon	568	902	
JB		4,339,545	07/13/82	Knifton	518	700	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
JB		GB 2 083 465	03/24/82	United Kingdom	C07C	29/32	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
EXAMINER				DATE CONSIDERED			
In Sub Success				Jan. 30, 2006			
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U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		4,371,724	02/01/83	Lin et al.	568	902		
		4,424,383	01/03/84	Cornils et al.	568	902		
		4,424,384	01/03/84	Lin et al.	568	902		
		4,622,343	11/11/86	Knifton et al.	518	700		
		4,670,620	06/02/87	Jacobs et al.	585	640		
		4,698,452	10/06/87	Le Van Mao et al.	585	640		
		4,751,248	06/14/88	Lin et al.	518	707		
		4,752,623	06/21/88	Stevens et al.	518	714		
		4,825,013	04/25/89	Quarderer et al.	568	902.2		
		4,954,665	09/04/90	Vidal	568	902.2		
		5,070,016	12/03/91	Hallberg	435	132		
		5,169,869	12/08/92	Miller et al.	518	713		
		5,493,064	02/20/96	Vanderspurt et al.	568	905		
		5,627,295	05/06/97	Sofianos et al.	556	27		
		5,657,421	05/26/98	Choudhary et al.	502	328		
JB		2001/0047040	11/29/01	Agee et al.	518	704		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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				Van Egmond et al.			
				FILING DATE		GROUP	
				November 19, 2003		1621	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AH						
	AI						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	AJ	J P Leonard et al: "Non-Conventional Sources for Ethylene?" Energy Progress, vol. 1, no. 1-4, 1981, pages 41-44 US New York, NY					
	AK	Database Chemabs 'Online! Chemical Abstracts Service, Columbus, Ohio, US; Takeuchi, Kazuhiko: "Synthetic process of basic chemicals from syngas", retrieved from STN Database accession no. 1997: 2165 *abstract* & Shokubai, 38(8), 604-610 Coden: Shkuaj; ISSN: 0559-8958, 1996					
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2003B113

SERIAL NO.

10/716,894

APPLICANT

Van Egmond et al.

FILING DATE

November 19, 2003

GROUP

1621

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JB	AA	4,638,106	01/20/87	Pieters et al	585	640	
JB	AB	4,791,141	12/13/88	Chaumette et al	518	713	
	AC						
	AD						
	AE						
	AF						
	AG						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JB	AH	DD 257740	06/29/88	Germany			X	
JB	AI	EP 0109645	11/15/83	Europe				X
JB	AJ	GB 2 078 745	01/13/82	Great Britain			X	
JB	AK	WO 2004/060841	07/22/04	PCT			X	

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

JB	AL	Japanese Journal article Kazuhiko Takeuchi, "Synthetic Process of Basic Chemicals from Syngas," 38(8) Shokubai Gakkai pp. 604-610 (1996). (JP Article and Abstract)
JB	AM	Abstract for EP 0109645, November 15, 1983, entitled "Simultaneous Production of Methanol and Ethanol"

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*Jan Sub Gullet*

*Jan. 30, 2006*

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U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JB	AA	4,605,677	08/12/86	Knifton	518	700		
↓	AB	6,441,262	08/27/02	Fung et al	585	640		
↓	AC	4,398,050	08/09/83	Hofstadt et al	585	640		
↓	AD	4,596,782	06/24/86	Courty et al	502	302		
JB	AE	4,638,106	01/20/87	Pieters et al	585	640		
	AF							
	AG							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JB	AH	DE 31 13 838	07.01.82	Federal Republic of Germany (Abstract)				
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
JB	AI	U.S. Patent Application No. 10/716,685 filed November 19, 2003, "Methanol And Fuel Alcohol Production For An Oxygenate To Olefin Reaction System", Inventors: Marcel Janssen, Cor F. van Egmond, Luc Martens, and Jaimes Sher, (Attorney Docket No. 2003B111)						
JB	AJ	U.S. Patent Application No. 10/717,006 filed November 19, 2003, "Controlling The Ratio Of Ethylene To Propylene Produced In A Methanol/Ethanol Conversion Process", Inventors: Jaimes Sher, Cor F. van Egmond, Luc R.M. Martens, Marcel Janssen, James Lattner and Teng Xu, (Attorney Docket No. 2003B112)						
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2003B113

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10/716,894

APPLICANT

Van Egmond et al.

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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	AF							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

<i>JB</i>	AH	Scheeline, et al, "Ethylene By Methanol Homologation", Process Economics Program, SRI International, Menio Park, California, PEP Review No. 80-1-3, (March 1981), pp. 1-20
<i>JB</i>	AI	"Alternative Fuels and Chemicals From Synthesis Gas", Technical Progress Report No. 37, For the Period 1 January - 31 March 1999, Air Products and Chemicals, Inc., Prepared for the United States Department of Energy, pp. 1-26
<i>JB</i>	AJ	Norcio, et al, "Higher Alcohol Synthesis From Methanol or Syngas", Department of Chemical Engineering, pp. 37-41
	AK	

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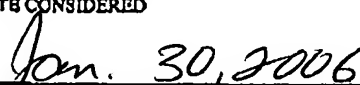
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				November 19, 2003		1621		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JB	AA	2002/0147376	10/10/02	Fung et al	585	638		
	AB							
	AC							
	AD							
	AE							
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	AG							
FOREIGN PATENT DOCUMENTS								
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							YES	NO
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AH						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	AI	Yamamoto and Inui, "Highly Effective Synthesis of Ethanol from CO <sub>2</sub> on Fe, Cu-Based Novel Catalysts", <i>Advances in Chemical Conversions for Mitigating Carbon Dioxide</i> , Studies in Surface Science and Catalysis, Vol. 114, 1998 Elsevier Science B.V., pp. 513 - 516					
	AJ						
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